



May 24 - 26, 2010 • Brookhaven National Laboratory

# Understanding and Mitigating the Effects of **CLIMATE CHANGE** Using Synchrotron and Nanoscience Research

## PLENARY

**Tuesday, May 25, 2010:** Plenary Session - FREE - BNL employees are encouraged to attend

**Keynote Address:** William F. Brinkman, Director of the Office of Science, Department of Energy

**BES Update:** Harriet Kung, Associate Director of Science for Basic Energy Sciences, Department of Energy

**BNL Updates:** Sam Aronson, Steve Dierker, Chi-Chang Kao and Emilio Mendez

## SCIENTIFIC

**Stephen Baines**, Assistant Professor, Ecology & Environment, Stony Brook University

**Matthew C. Beard**, Senior Scientist, National Renewable Energy Laboratory

**Tonio Buonassisi**, SMA Assistant Professor of Mechanical Engineering and Manufacturing, MIT

**John Turner**, Research Fellow, National Renewable Energy Laboratory

## WORKSHOPS

Seeing Is Believing - Synchrotron-Based Methods of Imaging of Catalysts in Action

Biom mineralization: Effects of the Environment on Biological Development

Nanoscale Materials Diffraction

Self-Assembly of Soft and Biomolecular Materials: Structure, Dynamics, and Interactions

Bringing Big Science into the Classroom: BNL's NSLS and CFN

Experiments with Coherent X-Rays

Frontiers in Automated Crystal Handling and Visualization

Conventional and Unconventional Lithographic Techniques: A Hands-On Workshop

## SOCIAL

**Monday Evening:** Exhibitor Reception and Poster Session: 5:30 pm - 8:00 pm

**Tuesday Evening:** Annual Banquet, Atlantis Marine World Aquarium in Riverhead, Long Island, NY

<http://www.atlantismarineworld.com/>